

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: Chakraborty, et al.
Serial No: 10/814,525
Filed: March 31, 2004
For: SYNTHESIS OF CHIRAL FURAN AMINO ACIDS AS NOVEL PEPTIDE BUILDING BLOCKS
Art Unit: 1626
Examiner: Solola, T

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, pending applications, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed, except for (a) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120, and (b) any U.S. patent or U.S. patent application publication if the present application was filed after June 30, 2003 or entered the national stage under 35 USC § 371 after June 30, 2003:

Serial No.: _____
Filing Date: _____

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

(a) ____ A copy of each English language version of a search report (or EPO Search Report) indicating the degree of relevance found by the foreign office of each document being submitted from the search report, is being submitted herewith or has previously been submitted.

(b) ____ Attached is a "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

(a) ____ Within 3 months of the filing date or date of entry into the National Stage.

(b) ____ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988 for consideration of this Statement.

(c) ____ Before the mailing date of a first Office Action on the merits after a first or second submission after final rejection under 37 C.F.R. 1.129(a).

(d) X After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

(1) ___ The required certification is given below, or

(2) X Credit Card payment via EFS-Web covering the fee set forth in 37 C.F.R. 1.17(p), or

(3) ___ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988

(e) ___ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.

(1) ___ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p), or

(2) ___ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988.

4. Certification (if applicable)

(a) ___ The undersigned hereby certifies that each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.

(b) ___ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the undersigned's knowledge after making reasonable inquiry, no item of information contained in this statement was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 18-0988.

Respectfully submitted,

RENNER, OTTO, BOISSELLE & SKLAR, LLP

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CERTIFICATE OF MAILING, FACSIMILE OR ELECTRONIC TRANSMISSION

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Commissioner for Patents address below.

X being transmitted via the USPTO Electronic Filing System.

/Denise G. Bachtel/
Denise G. Bachtel

August 31, 2007
Date

Form PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT Page 3 (Use several sheets if necessary)	Atty Docket No. KUMA P0111US	Serial Mail No. 10/814,525
	Applicant: Chakraborty, et al.	
	Filing Date March 31, 2004	Group 1626

OTHER ART

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
	Chakraborty, T.K. et al.; "Development of 5-(aminomethyl)pyrrole-2-carboxylic acid as a constrained surrogate of Gly-ΔAla and its application in peptidomimetic studies"; Tetrahedron Letters, 2002, 43, 2589-2592.
	Chakraborty, T.K. et al.; "Cyclic trimer of 5-(aminomethyl)-2-furancarboxylic acid as a novel synthetic receptor for carboxylate recognition"; Tetrahedron Letters, 2002, 43, 1317-1320.
	Chakraborty, T.K. et al.; "Nucleation of β-hairpin structure in a pyrrole amino acid containing peptide"; Tetrahedron Letters, 2003, 44, 471-473.
	Reetz, M.T. et al., Org. Synth., 1998, 76, 110.
	Reetz, M.T.; "Synthesis and Diastereoselective Reactions of N,N-Dibenzylamino Aldehydes and Related Compounds"; Chem Rev. 1999, 99, 1121-1162
	Gung, B.W. et al.; "Remarkable Reactivity Difference in Oxygen-Substituted versus Non-Oxygen-Substituted Bromoalkynes in Cu(I)-Catalyzed Cross-Coupling Reactions: Total Synthesis of (-)-S-18-Hydroxyminquartynoic Acid"; J. Org. Chem 2003, 68, 5956-5960
	Brown, C.A. et al. "P-Nickel" Catalyst with Ethylenediamine, a Novel System for Highly Stereospecific Reduction of Alkynes to cis-Olefins"; Chem Soc. Chem Commun. 1973, 553
	Brown, C.A. et al.; "Catalytic Hydrogenation. VI. The Reaction of Sodium Borohydride with Nickel Salts in Ethanol Solution. P-2 Nickel, a Highly Convenient, New, Selective Hydrogenation Catalyst with Great Sensitivity to Substrate Structure"; J. Org. Chem. 1973, 38, 2226
	Nishiyama, H. et al.; "Efficient Transformation of (X)-2-Butene-1,4-Diols to Substituted Furans with Pyridinium Chlorochromate"; Chemistry Lett. 1981, 1363-1366.
	Rouhi; "Rediscovering Natural Products"; A.M. C&En 2003, 81(41), 77-91.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement PTO-1449 (Modified)

The identification of any reference is not intended to be, and should not be understood as being, an admission that such publication, in fact, constitutes "prior art" within the meaning of applicable law since, for example, a given reference may have a later effective date than first seems apparent or the reference may have an effective date which can be antedated. The "prior art" status of any reference is a matter to be resolved during prosecution.